Curriculum Vitae Penelope Martin

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PROFESSIONAL SUMMARY

A dedicated and results-driven ML Ops Engineer with over 6 years of experience in data analysis, machine learning, and predictive modeling. Skilled in transforming business needs into technical solutions using modern data science tools and practices. Passionate about solving real-world problems through data-driven approaches and delivering measurable outcomes.

CORE SKILLS

- Technical Skills: AWS, ETL Pipelines, Kubernetes, NumPy, Hugging Face, Seaborn, Pandas, Model Evaluation, SQL
- Analytical Skills: Statistical modeling, hypothesis testing, data interpretation.
- Soft Skills: Clear communication, collaboration, agile mindset, mentoring.
- Tools: Tableau, Power Bl, Jupyter, Git, Docker, Cloud platforms.

PROFESSIONAL EXPERIENCE

Stratos Data Labs

November 2016 - June 2018

- Role: ML Ops Engineer
- Extracted and analyzed large-scale datasets to uncover actionable insights for business growth.
- Built predictive models using machine learning techniques to optimize decision-making.
- Collaborated with engineers and stakeholders on end-to-end model deployment and reporting.
- Led initiatives for workflow automation, improving data pipeline efficiency by 30%.
- Provided guidance and training to junior analysts on analytical best practices.

EDUCATION

University of Michigan

Graduated: June 2018

Master of Science in Financial Engineering

GPA: 3.69

• Relevant Courses: Data Structures, Algorithms, Statistics, Machine Learning, Database Systems

SELECTED PROJECTS

Customer Review Classifier

- Led end-to-end development of a scalable data-driven system that improved operational efficiency.
- Utilized advanced analytics and machine learning for real-time prediction and automation.
- Deployed solutions with seamless integration into business intelligence dashboards.